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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,604	10/23/2001	Kevin J. Dowling	C01104/70087 (JT)	3464
37462	7590	09/07/2004	EXAMINER	
LOWRIE, LANDO & ANASTASI RIVERFRONT OFFICE ONE MAIN STREET, ELEVENTH FLOOR CAMBRIDGE, MA 02142			A, MINH D	
			ART UNIT	PAPER NUMBER
			2821	

DATE MAILED: 09/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/045,604	DOWLING ET AL.
Examiner	Art Unit	
Minh D A	2821	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 9/29/03.

2a)  This action is **FINAL**.                            2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)  Claim(s) See Continuation Sheet is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) See Continuation Sheet is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to..

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

13)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a)  The translation of the foreign language provisional application has been received.

14)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)      4)  Interview Summary (PTO-413) Paper No(s). \_\_\_\_ .  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)      5)  Notice of Informal Patent Application (PTO-152)  
3)  Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_ .      6)  Other: \_\_\_\_ .

**Continuation of Disposition of Claims:** Claims pending in the application are 1-37,53-56,61-66,68,69,71-92,95-129,143-152,154-157,166-213,229-232,237-242,244-246 and 248-309.

**Continuation of Disposition of Claims:** Claims rejected are 1-37,53-56,61-66,68,69,71-92,95-129,143-152,154-157,166-213,229-232,237-242,244-246 and 248-309.

***DETAILED ACTION***

***Claim Objections***

1. The numbering of claims is not in accordance with 37 CFR 1.126 which requires the original numbering of the claims to be preserved throughout the prosecution. When claims are canceled, the remaining claims must not be renumbered. When new claims are presented, they must be numbered consecutively beginning with the number next following the highest numbered claims previously presented (whether entered or not).

Misnumbered claims 250-251 and 253.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 26, 32, 53, 61,65, 68,71,126, 143, 154, 166, 177,202, 208, 229, 237,241, 244, 248 and 306 are rejected under 35 U.S.C. 102(b) as being unpatentable by Husseiny et al (US 5,519,809).

Regarding claims 1, 26, 32, 53, 61,65, 68,71,126, 143, 154, 166, 177,202, 208, 229, 237,241, 244, 248 and 306, Husseiny discloses a display screen (124), comprising: (110) for providing a source of computer application content for display on a display screen (123); (100) for providing an illumination source for illuminating an environment that is related to the display screen (123); and coordinating the illumination

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source to illuminate the environment in relationship to the computer application content on the display screen. See figures 1-6, col.7, lines 10-67 to col.10, lines 1-56.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2-25, 27-31, 33-37, 53-56, 65-66, 72-125, 126-129, 144-152, 155-157, 167-176, 178-201, 203-207, 209-213, 229-232, 242, 245-246, 249-305 and 307 are rejected under 35 U.S.C. 103(a) as being unpatentable over by Husseiny et al (US 5,519,809).

Regarding claims 2-25, 27-31, 33-37, 54-56, 62-64, 66,69, 72-125, 127-129, 144-152, 155-157, 167-176, 178-201, 203-207, 209-213, 230-231, 237-240, 242, 245-246, 249-305 and 307-309, Husseiny essentially discloses the claimed invention but does not explicitly disclose that the usages in entertainment room, home theatre, video game, computer screen, war game and LED...etc. It would have been an obvious matter of design choice to employ Husseiny in any desired interest environment, computer application, display system....etc in order to maximize the usage of his invention, since applicant does not disclose that, all of these limitations can solve any stated problem

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and for any particular purpose. Therefore, it appears that the invention would not provide any improvement but merely apply the invention in different presentation.

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Walters et al (US 5,895,986) and Yamashita et al. (US 6,087,776) are cited to show a lighting control system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Minh A whose telephone number is (703) 605-4247. The examiner can normally be reached on M-F (7:30 –4:30 PM).

If attempts to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Don Wong, can be reached on (703) 308-4856. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and (703) 872-9319 for final communications.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0956.

Examiner

Minh A

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9/06/04



**WILSON LEE**  
**PRIMARY EXAMINER**